



## 529 Series Stencil / Batch Cleaners

- Heated wash for cleaning lead-free solder paste, pallets and adhesives
- 100% Stainless steel construction
- Conserve energy, use less chemistry and generate less waste
- Side-mounted “sweep frequency” ultrasonic transducers with 10-year limited warranty
- Guaranteed cleaning
- Spray and ultrasonic rinse capable
- Easy maintenance and low cost
- Cleans solder paste, SMD adhesives and post solder flux from stencils, pallets and misprinted PCBs.
- Optional features to allow for custom applications



### The Low-cost / Compact Stencil Cleaners

The 529 Series Batch Cleaners are designed for the SMT Assembler that is cleaning small stencils, tooling or low volume large stencils and desires improved and consistent cleaning of fine-pitch stencil apertures and reduced damage caused by manual cleaning. The 529 Series is also an excellent entry-level machine for users not able to purchase a fully automatic system yet require the cleaning efficiency of a Smart Sonic ultrasonic stencil cleaner. The 529 Series offers the same cleaning results as a semi automatic or fully automatic system without the added cost.

The Model 529 will handle stencils up to 29" x 29" (750 x 750 mm). This model can accommodate larger stencils by cleaning one-half at a time.

While other cleaning chemistries may be used, all Smart Sonic Stencil Cleaners are guaranteed to clean any type of solder paste from any fine-pitch stencil when using Smart Sonic's 440-R® SMT Detergent!

The Series 529 is the most affordable ultrasonic stencil cleaners... *and they're a Smart Sonic!*

# 529 Series Stencil / Batch Cleaners



Wash and Rinse Tank Assembly

**Specifications:**

Overall Dimensions:  
Wash Tank Dimensions  
Wash Tank Capacity  
Maximum Frame Size

**Model 529**

21.8" x 35.5" x 31"H  
4.5" x 31" x 27"H  
14 Gallons (53 liters)  
29" x 29" (750 x 750 mm) with one cycle  
29" x 48" (750 x 1220 mm) with two cycles

Utilities Required (Model 529)

Electrical 120 Volt, 1 Phase, 12 Amps  
Water (w/ optional Hand Spray) 30 PSI  
Air (w/ optional Air Blow-off) 20 PSI

**Available Options:**

Misprint fixture  
Parts Basket  
Wash/Rinse Filtration  
Power Drain  
Hand-held Spray Rinse  
Hand-held Air Blow-off  
EnviroGuard Filtration

Average Wash Cycle Time When Using 440-R SMT Detergent with DI water

Wet solder paste 1 – 2 minutes  
Dry solder paste 2 – 4 minutes  
Wet SMD adhesives 2 – 4 minutes  
Post solder flux build-up 2 – 5 minutes

Specifications subject to change without notice. © Smart Sonic Corporation 2008

**Other Smart Sonic Products:**



440-R SMT  
Detergent



Model 1550  
Stencil Cleaner



Model 6000  
Stencil Cleaner



Model SE-1  
Evaporator



EnviroGuard  
Closed Loop System



**SMART SONIC**

837 E 79 Street, Cleveland, OH 44103 USA  
Tel: +1(818) 610-7900 • Fax: +1(216)881-8950  
E-mail: [smt@SmartSonic.com](mailto:smt@SmartSonic.com) • Web: [www.SmartSonic.com](http://www.SmartSonic.com)